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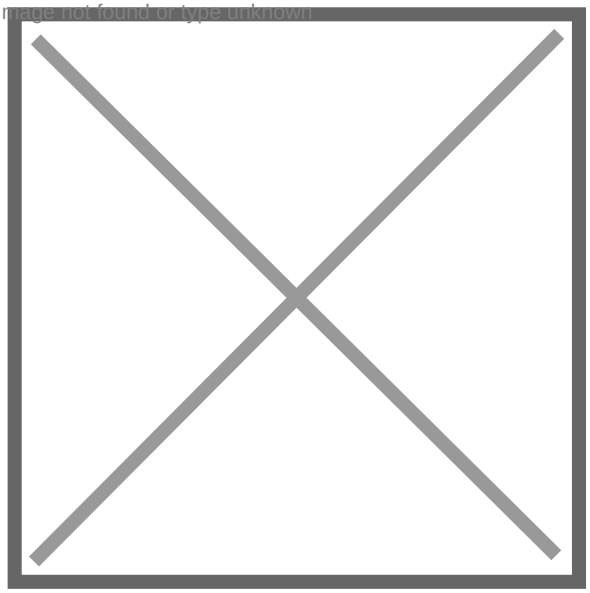
**Product Name :**

Pestle And Mortar

**Product Code :**

SCL311/056

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## Description :

**Pestle And Mortar** (Product Code: SCL311/056) is a white porcelain grinding set used to crush leaves, seeds, tissue and crystals into extracts or powders in biology and chemistry labs. The 4 inch mortar is glazed outside and rough inside, so samples break down quickly against the unglazed base while the outer surface wipes clean, and the porcelain is chemical resistant. A routine item of botany lab equipment in India, it is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

### Specifications

| Parameter | Detail |
|---|---|
| Diameter | 4 inches |
| Material | Porcelain |
| Colour | White |
| Outer surface | Glazed |
| Inner surface | Rough |
| Chemical resistance | Chemical resistant |
| Product code | SCL311/056 |
| Manufacturer | Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM |
| Country of origin | India (made in Ambala, Haryana) |

### What Is the Pestle and Mortar Used For?

A widely taught biology use is extracting leaf pigments: fresh spinach or other green leaves are torn into the mortar with a little acetone and a pinch of clean sand, then ground until the liquid turns deep green. The extract is filtered and spotted onto a strip for paper chromatography in school labs, where chlorophylls and carotenoids separate into bands. The same set is used to crush potato or liver for enzyme experiments, to macerate root tips before staining, and to powder crystals or seeds for chemical tests.

Grind with a circular, pressing motion rather than pounding, which can chip porcelain. Work in small batches so material stays in contact with the rough base. When using acetone or other volatile solvents, grind in a well-ventilated area away from flames, and keep separate sets for chemicals and for food or biological samples where cross-contamination matters.

### OEM Manufacturer

This pestle and mortar is produced by Jain Scientific Equipments Private Limited, the company behind the ScienceLab name, as the OEM (original equipment manufacturer) at its own licensed factory at Saha, Ambala, Haryana, India. Laboratories, schools, dealers and importers therefore buy from the maker itself, not from a stockist reselling someone else's porcelain. If a pestle or morta
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